

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:

10/576266

Source:

DPWP

Date Processed by STIC:

3/21/07

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/576/266

CRF Edit Date: 3/21/07
Edited by: zue

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ ☒ Deleted: ☒ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFWP

RAW SEQUENCE LISTING

DATE: 03/21/2007

PATENT APPLICATION: US/10/576,266

TIME: 16:13:25

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\03212007\J576266.raw

5 <110> APPLICANT: Deutsches Krebsforschungszentrum

9 <120> TITLE OF INVENTION: Use of ADAM 12 for diagnosis and therapy of preeclampsia

13 <130> FILE REFERENCE: DK62208PC

C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/576,266

C--> 17 <141> CURRENT FILING DATE: 2006-04-17

17 <150> PRIOR APPLICATION NUMBER: EP03023815.8

19 <151> PRIOR FILING DATE: 2003-10-17

23 <160> NUMBER OF SEQ ID NOS: 20

27 <170> SOFTWARE: PatentIn version 3.1

31 <210> SEQ ID NO: 1

33 <211> LENGTH: 5062

35 <212> TYPE: DNA

37 <213> ORGANISM: Homo sapiens

41 <220> FEATURE:

43 <221> NAME/KEY: CDS

45 <222> LOCATION: (307)..(3036)

47 <223> OTHER INFORMATION:

W--> 51 <400> 1

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56 ctttttttaa aatgaaaggc tagaagagct cagcggcggc gcgggccgtg cgcgagggct      180
58 ccggagctga ctcgccgagg caggaaatcc ctccggctcg caccgcccgc cccgctcggc      240
60 gcccgcgtgg gatggtgcag cgctcgccgc cgggcccagag agctgctgca ctgaaggccg      300
62 gcgacg atg gca gcg cgc ccg ctg ccc gtg tcc ccc gcc cgc gcc ctc      348
63      Met Ala Ala Arg Pro Leu Pro Val Ser Pro Ala Arg Ala Leu
64      1          5          10
66 ctg ctc gcc ctg gcc ggt gct ctg ctc gcg ccc tgc gag gcc cga ggg      396
67 Leu Leu Ala Leu Ala Gly Ala Leu Leu Ala Pro Cys Glu Ala Arg Gly
68 15          20          25          30
70 gtg agc tta tgg aac caa gga aga gct gat gaa gtt gtc agt gcc tct      444
71 Val Ser Leu Trp Asn Gln Gly Arg Ala Asp Glu Val Val Ser Ala Ser
72          35          40          45
74 gtt cgg agt ggg gac ctc tgg atc cca gtg aag agc ttc gac tcc aag      492
75 Val Arg Ser Gly Asp Leu Trp Ile Pro Val Lys Ser Phe Asp Ser Lys
76          50          55          60
78 aat cat cca gaa gtg ctg aat att cga cta caa cgg gaa agc aaa gaa      540
79 Asn His Pro Glu Val Leu Asn Ile Arg Leu Gln Arg Glu Ser Lys Glu
80          65          70          75
82 ctg atc ata aat ctg gaa aga aat gaa ggt ctc att gcc agc agt ttc      588
83 Leu Ile Ile Asn Leu Glu Arg Asn Glu Gly Leu Ile Ala Ser Ser Phe
84          80          85          90
86 acg gaa acc cac tat ctg caa gac ggt act gat gtc tcc ctc gct cga      636
87 Thr Glu Thr His Tyr Leu Gln Asp Gly Thr Asp Val Ser Leu Ala Arg

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92					115				120				125				
94	gga	tat	tct	gat	tca	gca	gtc	agt	ctc	agc	acg	tgt	tct	ggg	ctc	agg	732
95	Gly	Tyr	Ser	Asp	Ser	Ala	Val	Ser	Leu	Ser	Thr	Cys	Ser	Gly	Leu	Arg	
96				130				135				140					
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104		160				165			170								
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112				195				200				205					
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124		240				245			250								
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131	Asp	Lys	Cys	Ser	Val	Ser	Gln	Asp	Pro	Phe	Thr	Ser	Leu	His	Glu	Phe	
132				275				280				285					
134	ctg	gac	tgg	agg	aag	atg	aag	ctt	cta	cct	cgc	aaa	tcc	cat	gac	aat	1212
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136			290			295			300								
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139	Ala	Gln	Leu	Val	Ser	Gly	Val	Tyr	Phe	Gln	Gly	Thr	Thr	Ile	Gly	Met	
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142	gcc	cca	atc	atg	agc	atg	tgc	acg	gca	gac	cag	tct	ggg	gga	att	gtc	1308
143	Ala	Pro	Ile	Met	Ser	Met	Cys	Thr	Ala	Asp	Gln	Ser	Gly	Gly	Ile	Val	
144		320				325			330								
146	atg	gac	cat	tca	gac	aat	ccc	ctt	ggg	gca	gcc	gtg	acc	ctg	gca	cat	1356
147	Met	Asp	His	Ser	Asp	Asn	Pro	Leu	Gly	Ala	Ala	Val	Thr	Leu	Ala	His	
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158	tcc	acc	ggg	tac	cca	ttt	ccc	atg	gtg	ttc	agc	agt	tgc	agc	agg	aag	1500
159	Ser	Thr	Gly	Tyr	Pro	Phe	Pro	Met	Val	Phe	Ser	Ser	Cys	Ser	Arg	Lys	
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162	gac	ttg	gag	acc	agc	ctg	gag	aaa	gga	atg	ggg	gtg	tgc	ctg	ttt	aac	1548
163	Asp	Leu	Glu	Thr	Ser	Leu	Glu	Lys	Gly	Met	Gly	Val	Cys	Leu	Phe	Asn	
164		400					405					410					
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170	ttt	gtg	gaa	gaa	gga	gag	gag	tgt	gac	tgt	ggg	gag	cca	gag	gaa	tgt	1644
171	Phe	Val	Glu	Glu	Gly	Glu	Glu	Cys	Asp	Cys	Gly	Glu	Pro	Glu	Glu	Cys	
172				435						440					445		
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183	Gly	Thr	Ala	Cys	Arg	Asp	Ser	Ser	Asn	Ser	Cys	Asp	Leu	Pro	Glu	Phe	
184		480					485					490					
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191	Gly	His	Ser	Cys	Gln	Asp	Val	Asp	Gly	Tyr	Cys	Tyr	Asn	Gly	Ile	Cys	
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211	Arg	Pro	Val	Ile	Gly	Thr	Asn	Ala	Val	Ser	Ile	Glu	Thr	Asn	Ile	Pro	
212				595					600						605		
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215	Leu	Gln	Gln	Gly	Gly	Arg	Ile	Leu	Cys	Arg	Gly	Thr	His	Val	Tyr	Leu	
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230	aac	aac	agg	aag	aac	tgc	cac	tgc	gag	gcc	cac	tgg	gca	cct	ccc	ttc	2364
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234	tgt	gac	aag	ttt	ggc	ttt	gga	gga	agc	aca	gac	agc	ggc	ccc	atc	cgg	2412
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236				690					695					700			
238	caa	gca	gat	aac	caa	ggt	tta	acc	ata	gga	att	ctg	gtg	acc	atc	ctg	2460
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242	tgt	ctt	ctt	gct	gcc	gga	ttt	gtg	ggt	tat	ctc	aaa	agg	aag	acc	ttg	2508
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244			720				725					730					
246	ata	cga	ctg	ctg	ttt	aca	aat	aag	aag	acc	acc	att	gaa	aaa	cta	agg	2556
247	Ile	Arg	Leu	Leu	Phe	Thr	Asn	Lys	Lys	Thr	Thr	Ile	Glu	Lys	Leu	Arg	
248	735					740					745					750	
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252					755					760					765		
254	cac	ctc	ggc	cac	ctt	gga	aaa	ggc	ctg	atg	agg	aag	ccg	cca	gat	tcc	2652
255	His	Leu	Gly	His	Leu	Gly	Lys	Gly	Leu	Met	Arg	Lys	Pro	Pro	Asp	Ser	
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263	Asp	Ile	Ser	Arg	Pro	Leu	Asn	Gly	Leu	Asn	Val	Pro	Gln	Pro	Gln	Ser	
264			800				805						810				
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268	815					820					825					830	
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276				850					855					860			
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290 gaagccgaca ccttttttca acagtgaaga cagaagtttg cactatcttt cagctccagt      3096
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359 <210> SEQ ID NO: 2

361 <211> LENGTH: 909

363 <212> TYPE: PRT

365 <213> ORGANISM: Homo sapiens

369 <400> SEQUENCE: 2

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371 Met Ala Ala Arg Pro Leu Pro Val Ser Pro Ala Arg Ala Leu Leu Leu
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375 Ala Leu Ala Gly Ala Leu Leu Ala Pro Cys Glu Ala Arg Gly Val Ser
376      20      25      30
379 Leu Trp Asn Gln Gly Arg Ala Asp Glu Val Val Ser Ala Ser Val Arg
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/576,266

DATE: 03/21/2007

TIME: 16:13:26

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\03212007\J576266.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application No
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:51 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:47
L:619 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:615

Raw Sequence Listing before editing (for reference only)



IFWP

RAW SEQUENCE LISTING

DATE: 03/16/2007

PATENT APPLICATION: US/10/576,266

TIME: 11:11:45

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Output Set: N:\CRF4\03162007\J576266.raw

5 <110> APPLICANT: Deutsches Krebsforschungszentrum
 9 <120> TITLE OF INVENTION: Use of ADAM 12 for diagnosis and therapy of preeclampsia
 13 <130> FILE REFERENCE: DK62208PC
 C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/576,266
 C--> 17 <141> CURRENT FILING DATE: 2006-04-17
 17 <150> PRIOR APPLICATION NUMBER: EP03023815.8
 19 <151> PRIOR FILING DATE: 2003-10-17
 23 <160> NUMBER OF SEQ ID NOS: 20
 27 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

1443 <210> SEQ ID NO: 20
 1445 <211> LENGTH: 21
 1447 <212> TYPE: DNA
 1449 <213> ORGANISM: Homo sapiens
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 1454 ~~ttcaggataa~~ tcacctgagc a
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Does Not Conform
Corrected Diskette Needed

(Pg. 1)

21

VERIFICATION SUMMARY

DATE: 03/16/2007

PATENT APPLICATION: US/10/576,266

TIME: 11:11:46

Input Set : A:\Sequence.txt

Output Set: N:\CRF4\03162007\J576266.raw

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M:254 Repeated in SeqNo=20